

09753643-010203

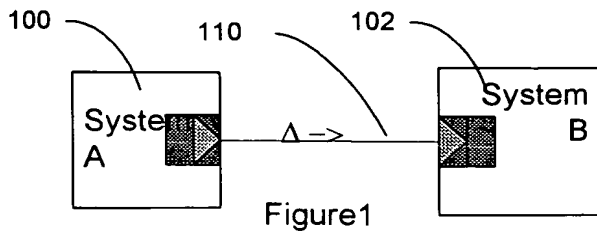


Figure 2

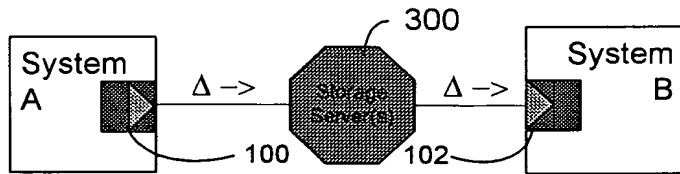
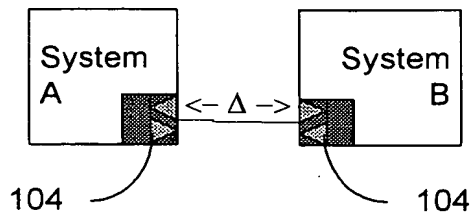


Figure 3

Figure 4

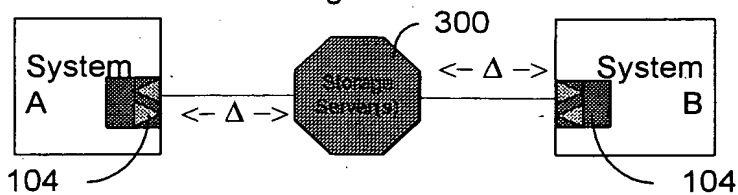
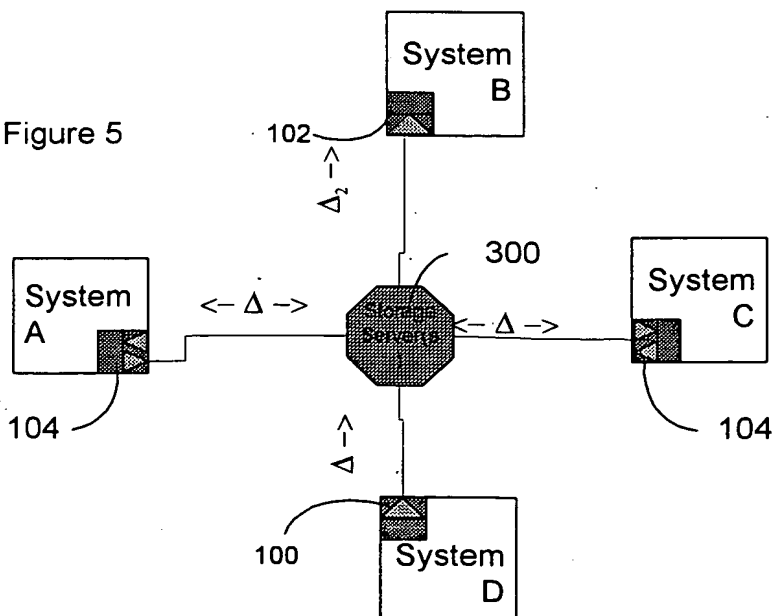


Figure 5



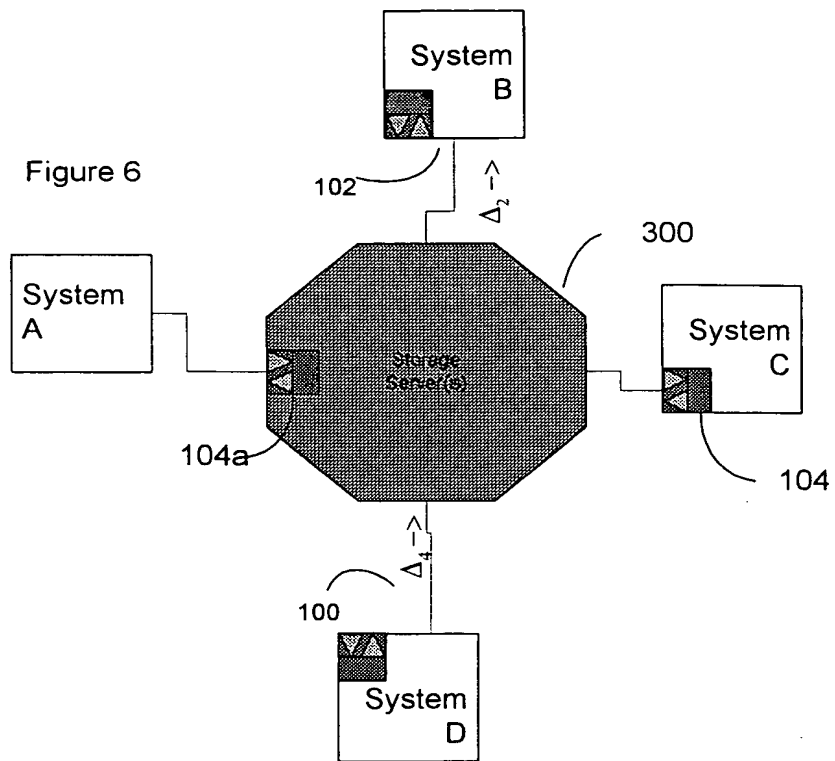
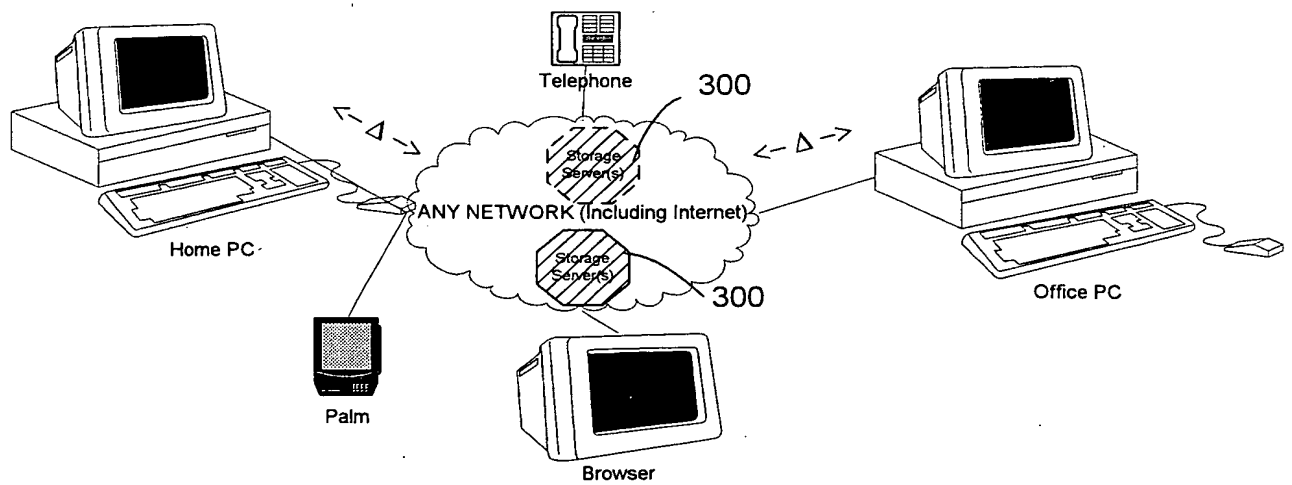


Figure 7



095364-0004  
TOP SECRET

Figure 8

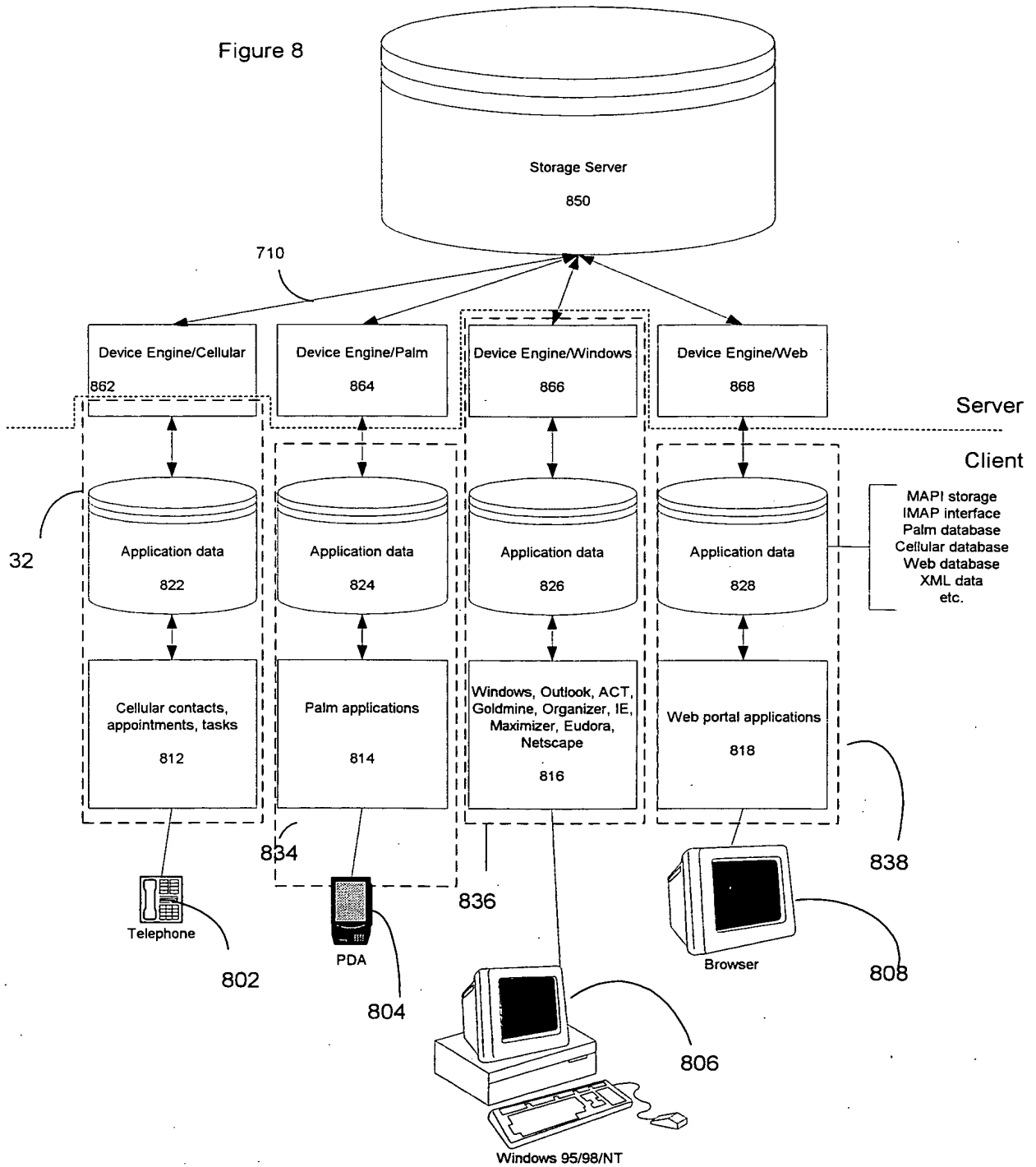
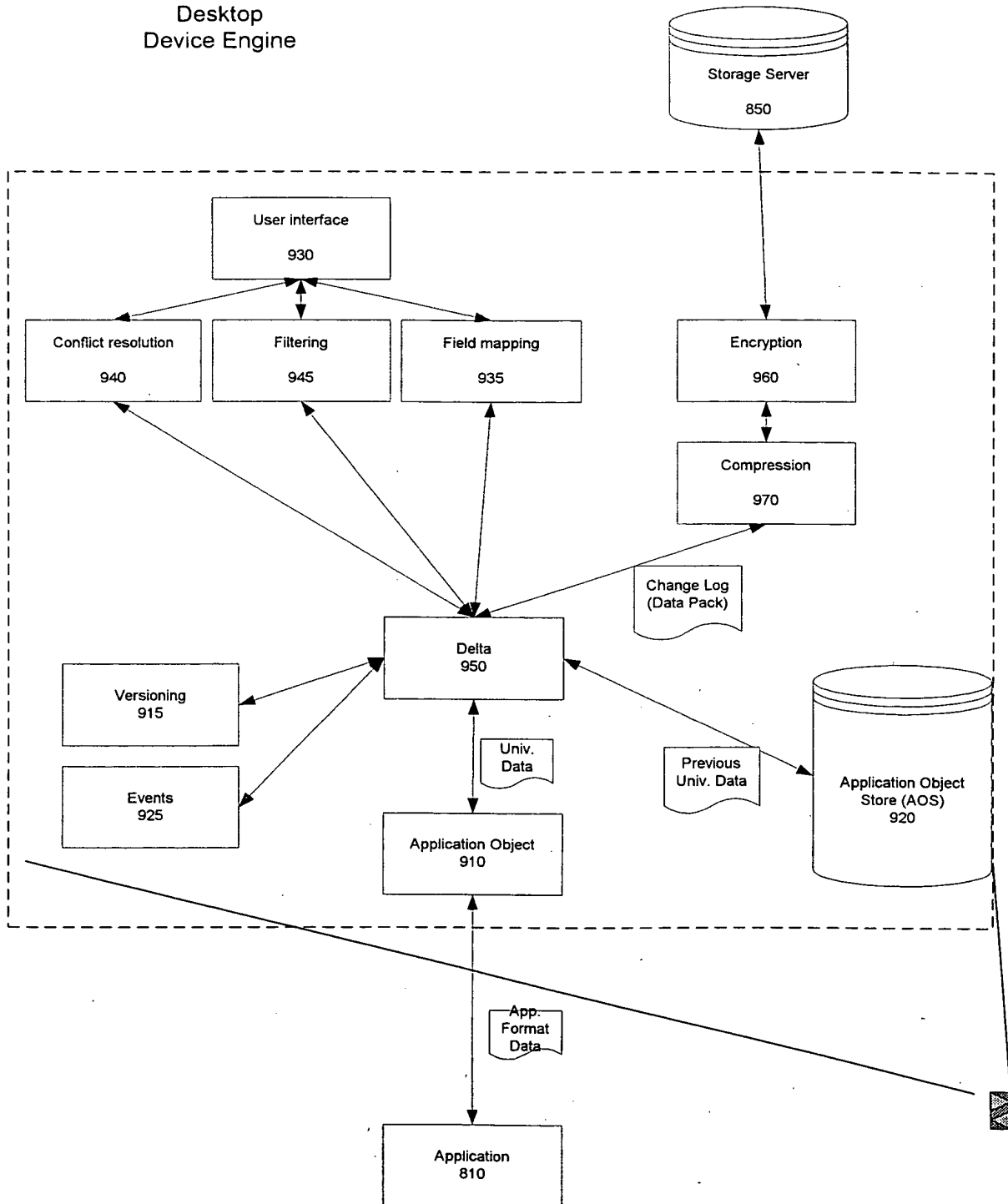


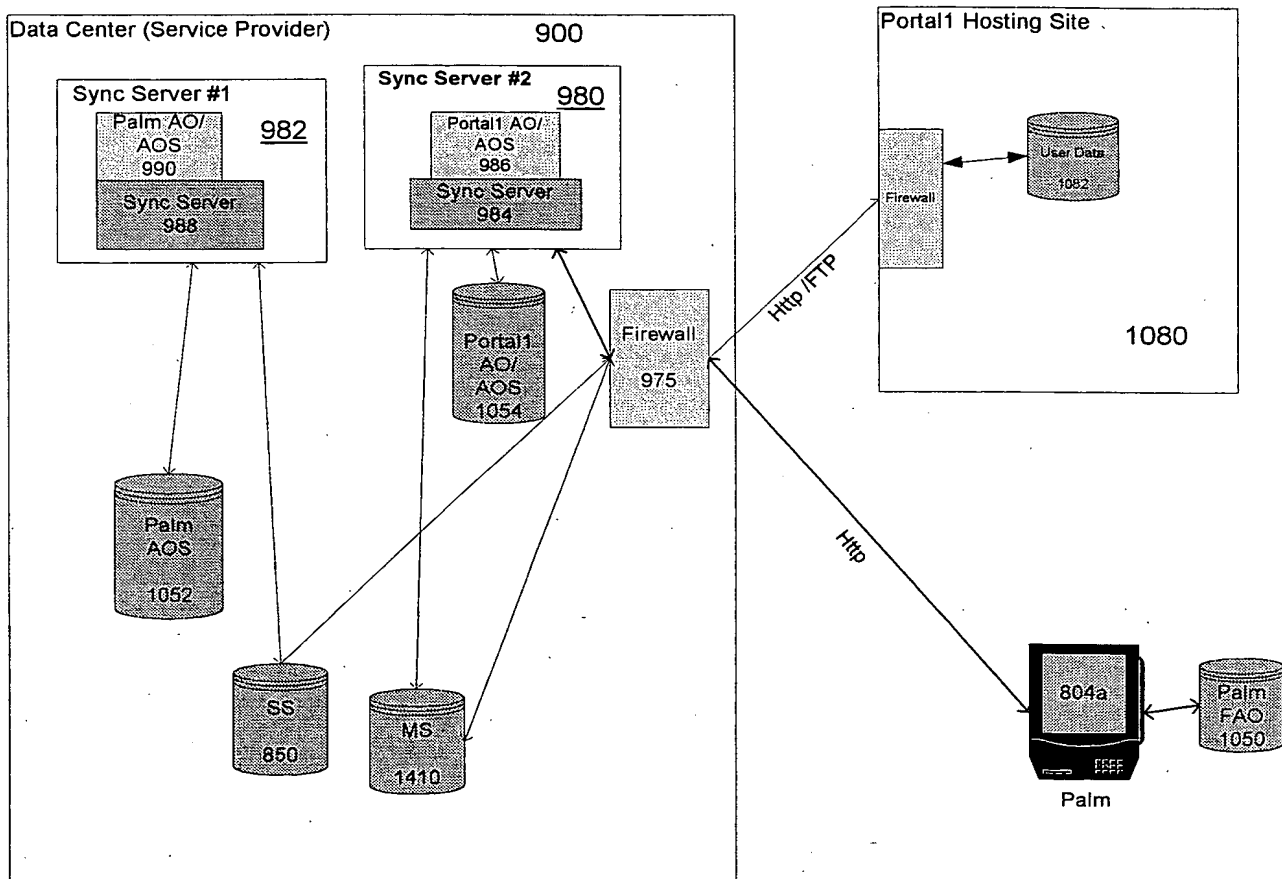
Figure 9A  
Desktop  
Device Engine



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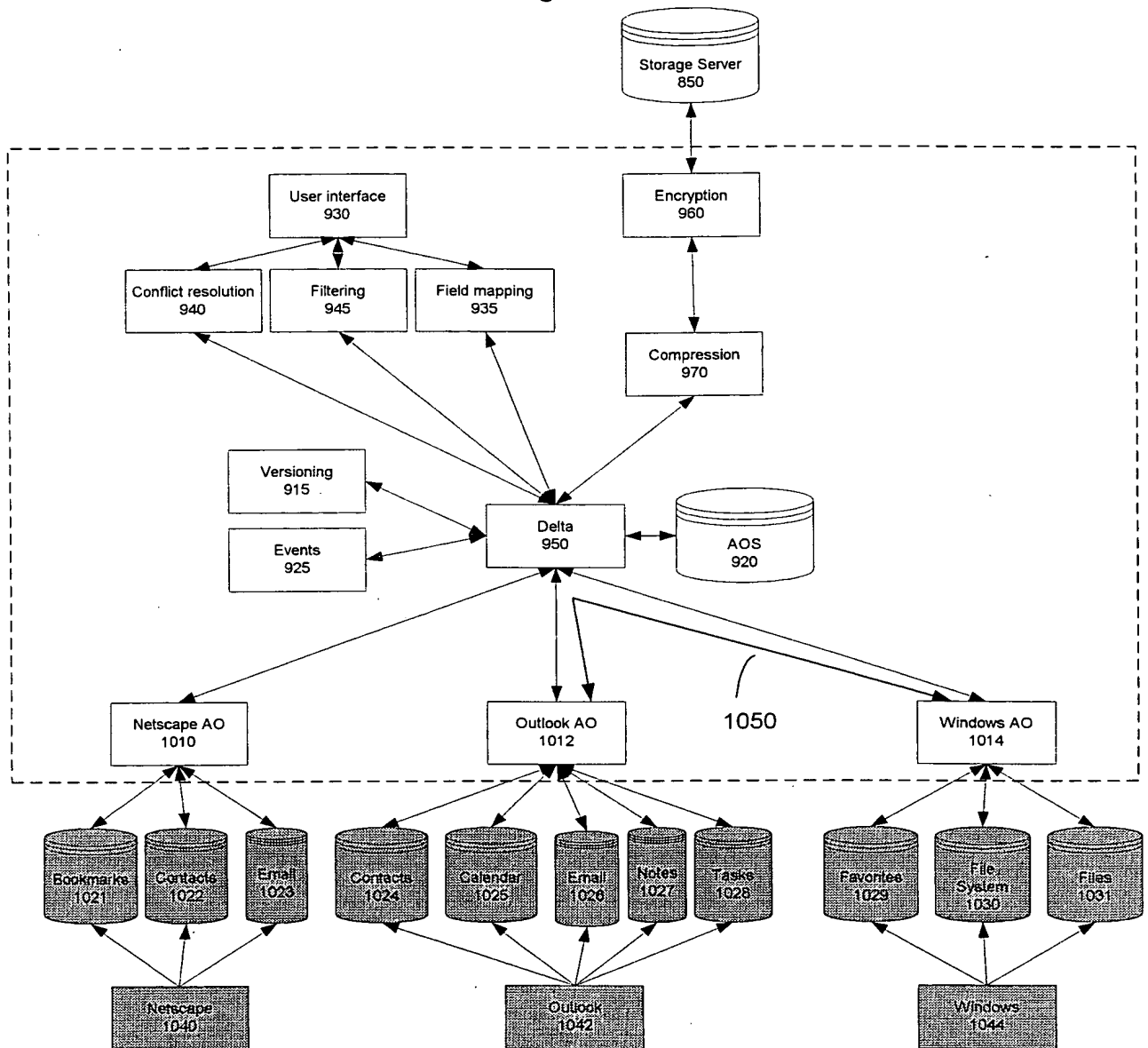
0975364 010201

Figure 9B



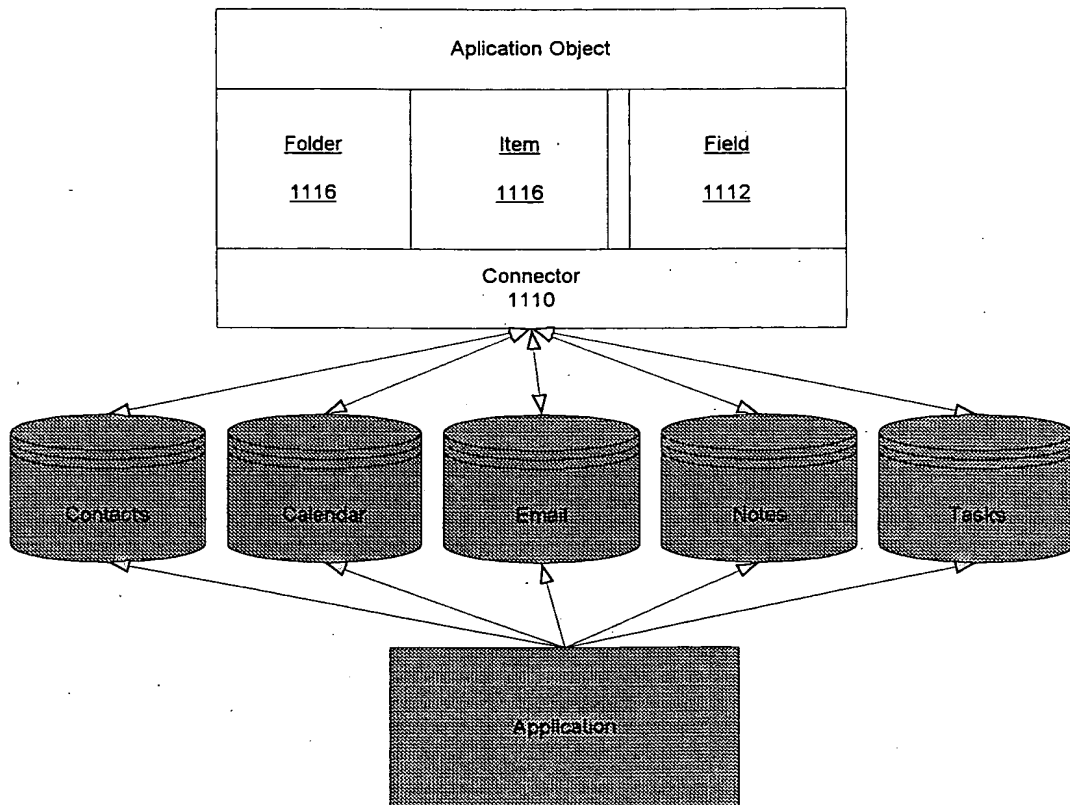
# Device Engine/Windows

Figure 10



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Figure 11



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**Figure 12**  
**Object Hierarchy**

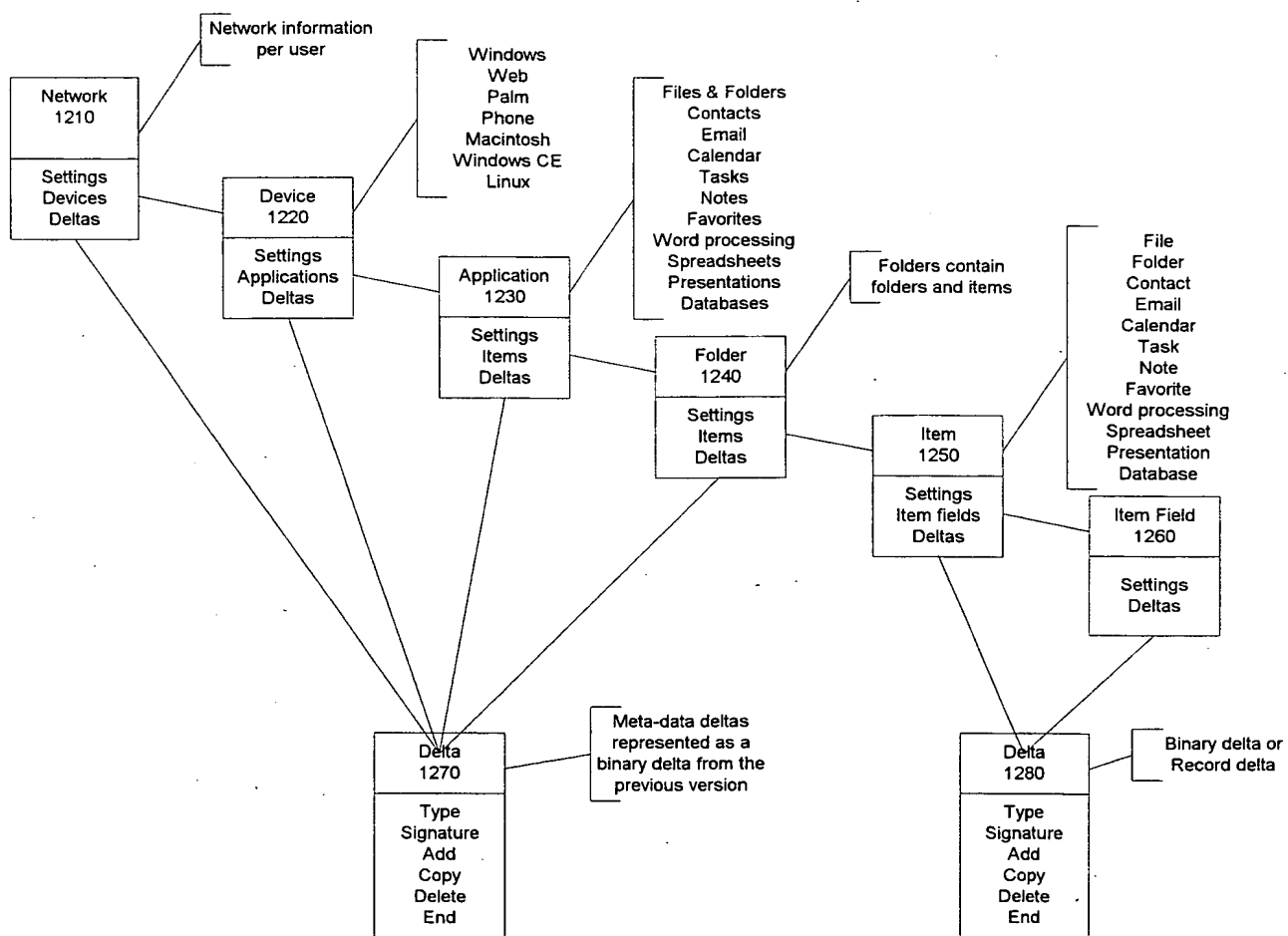




Figure 13

| Note Item<br>1310   | Email Item<br>1320   | Task Item<br>1330  | Calendar<br>Item<br>1340  | Bookmark<br>Item<br>1350   | File Item<br>1360  | Contact Item<br>1390   |
|---|--|--|---|--|--|--|
| Note Object<br>Categories<br>Color<br>Created<br>Do Not<br>AutoArchive<br>Icon<br>In Folder<br>Message Class<br>Modified<br>Outlook Internal<br>Version<br>Outlook Version<br>Read<br>Size<br>Subject | Account<br>Attachment<br>Bcc<br>Billing<br>Information<br>Categories<br>Cc<br>Changed By<br>Conversation<br>Created<br>Defer Until<br>Do Not<br>AutoArchive<br>Download State<br>Due By<br>Expires<br>Flag Status<br>Follow Up Flag<br>From<br>Have Replies<br>Sent To<br>Icon<br>Importance<br>In Folder<br>Junk E-mail<br>Type<br>Message Class<br>Mileage<br>Modified<br>Outlook Internal<br>Version<br>Outlook Version<br>Read<br>Received<br>Remote Status<br>Retrieval Time<br>Sensitivity<br>Sent<br>Size<br>Subject<br>To<br>Tracking Status | % Complete<br>Actual Work<br>Assigned<br>Attachment<br>Billing<br>Information<br>Categories<br>Company<br>Complete<br>Contacts<br>Conversation<br>Created<br>Date Completed<br>Do Not<br>AutoArchive<br>Due Date<br>Icon<br>In Folder<br>Message Class<br>Mileage<br>Modified<br>Outlook Internal<br>Version<br>Outlook Version<br>Owner<br>Priority<br>Read<br>Recurring<br>Reminder<br>Override Default<br>Reminder Sound<br>Reminder Sound<br>File<br>Reminder Time<br>Request Status<br>Requested By<br>Role<br>Schedule+<br>Priority<br>Sensitivity<br>Size<br>Start Date<br>Status<br>Subject<br>Team Task<br>To<br>Total Work | All Day Event<br>Attachment<br>Billing<br>Information<br>Categories<br>Conversation<br>Created<br>Do Not<br>AutoArchive<br>Duration<br>End<br>Icon<br>Importance<br>In Folder<br>Location<br>Meeting Status<br>Message Class<br>Mileage<br>Modified<br>Optional<br>Attendees<br>Organizer<br>Outlook Internal<br>Version<br>Outlook Version<br>Read<br>Recurrence<br>Recurrence<br>Pattern<br>Recurrence<br>Range End<br>Recurrence<br>Range Start<br>Recurring<br>Remind<br>Beforehand<br>Reminder<br>Reminder<br>Override Default<br>Reminder Sound<br>Reminder Sound<br>File<br>Required<br>Attendees<br>Resources<br>Response<br>Requested<br>Sensitivity<br>Show Time As<br>Size<br>Start<br>Subject | Name<br>URL<br>Created<br>Modified<br>Icon<br>In Folder<br>Version<br>Size | Name<br>Type<br>Version<br>Size<br>Created<br>Modified<br>Accessed<br>Permissions<br>Parent<br>ID<br>Attributes<br>Icon<br>Shortcut key<br>Start in<br>Run type<br>Sharing | Account<br>Address Selected<br>Address Selector<br>Anniversary<br>Assistant's Name<br>Assistant's Phone<br>Attachment<br>Billing Information<br>Birthday<br>Business Address<br>Business Address City<br>Business Address<br>Country<br>Business Address PO Box<br>Business Address Postal<br>Code<br>Business Address State<br>Business Address Street<br>Business Fax<br>Business Home Page<br>Business Phone<br>Business Phone 2<br>Callback<br>Car Phone<br>Categories<br>Children<br>City<br>Company<br>Company Main Phone<br>Computer Network Name<br>Country<br>Created<br>Customer ID<br>Department<br>E-mail<br>E-mail 2<br>E-mail 3<br>E-mail Selected<br>E-mail Selector<br>File As<br>First Name<br>Flag Status<br>Follow Up Flag<br>FTP Site<br>Full Name<br>Gender<br>Government ID Number<br>Hobbies<br>Home Address<br>Home Address City<br>Home Address Country<br>Home Address PO Box<br>Home Address Postal<br>Code<br>Home Address State<br>Home Address Street<br>Home Fax<br>Home Phone<br>Home Phone 2<br>Icon<br>In Folder<br>Initials<br>Internet Free/Busy<br>Address<br>ISDN<br>Job Title<br>Journey<br>Language<br>Last Name<br>Location<br>Mailing Address<br>Mailing Address Indicator<br>Manager's Name<br>Message Class<br>Middle Name<br>Mileage<br>Mobile Phone<br>Modified<br>Nickname<br>Office Location<br>Organizational ID Number<br>Other Address<br>Other Address City<br>Other Address Country<br>Other Address PO Box<br>Other Address Postal<br>Code<br>Other Address State<br>Other Address Street<br>Other Fax<br>Other Phone<br>Outlook Internal Version<br>Outlook Version<br>Paper<br>Personal Home Page<br>Phone 1 Selected<br>Phone 1 Selector<br>Phone 2 Selected<br>Phone 2 Selector<br>Phone 3 Selected<br>Phone 3 Selector<br>Phone 4 Selected<br>Phone 4 Selector<br>Phone 5 Selected<br>Phone 5 Selector<br>Phone 6 Selected<br>Phone 6 Selector<br>Phone 7 Selected<br>Phone 7 Selector<br>Phone 8 Selected<br>Phone 8 Selector<br>PO Box<br>Primary Phone<br>Private<br>Profession<br>Radio Phone<br>Read<br>Referred By<br>Reminder<br>Reminder Time<br>Reminder Topic<br>Send Plain Text Only<br>Sensitivity<br>Size<br>Spouse<br>State<br>Street Address<br>Suffix<br>Suffix<br>Title<br>Title<br>TTY/TDD Phone<br>User Field 1<br>User Field 2<br>User Field 3<br>User Field 4<br>Web Page<br>ZIP/Postal Code |
|   |  |  |   | Channel<br>Item<br>1370  | Folder Item<br>1380  |  |
|   |  |  |   | Name<br>URL<br>Created<br>Modified<br>Icon<br>In Folder<br>Version<br>Size | Name<br>Type<br>Version<br>Size<br>Created<br>Modified<br>Accessed<br>Permissions<br>Parent<br>ID<br>Attributes<br>Icon<br>Sharing   |  |

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Figure 14

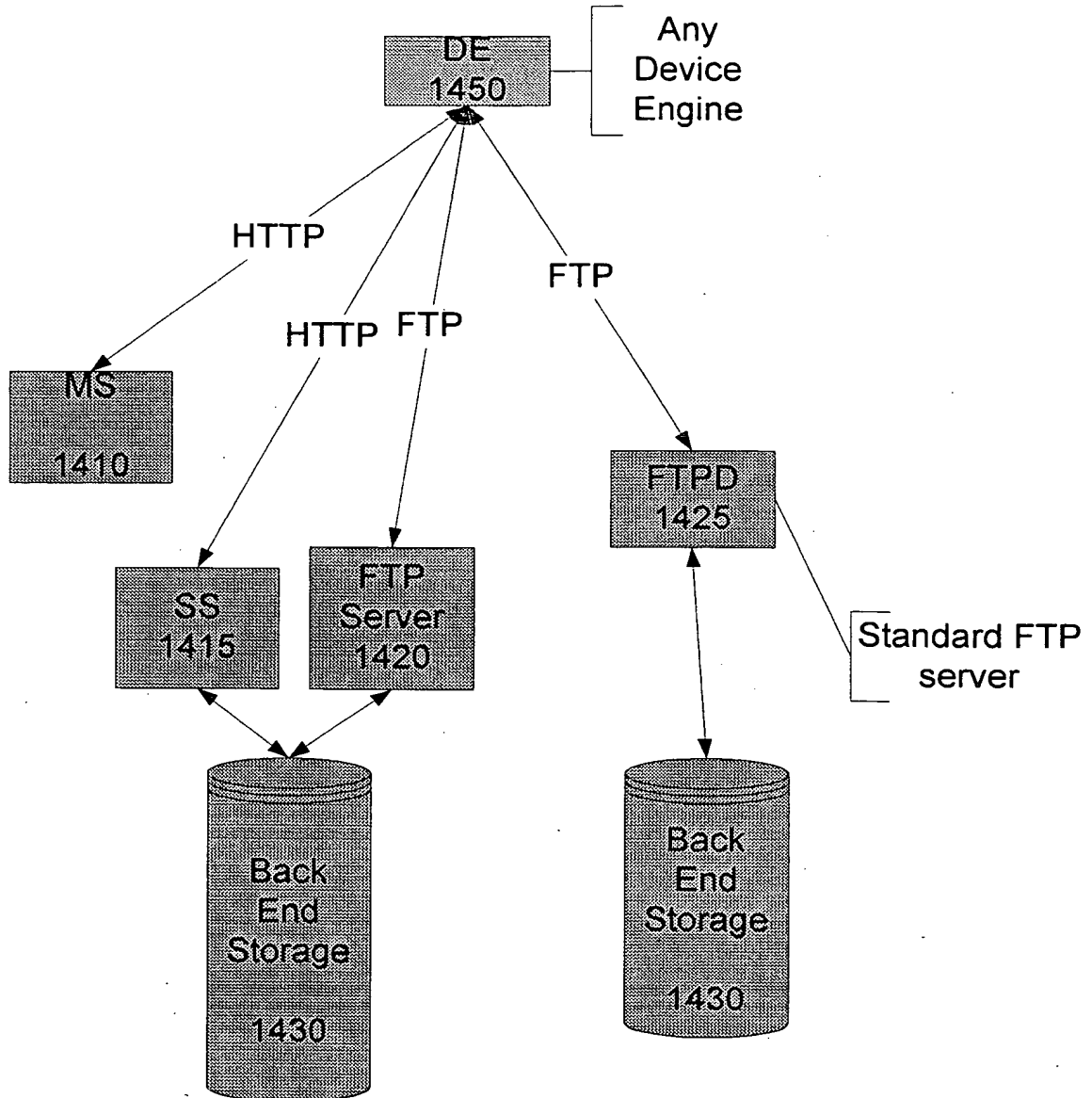
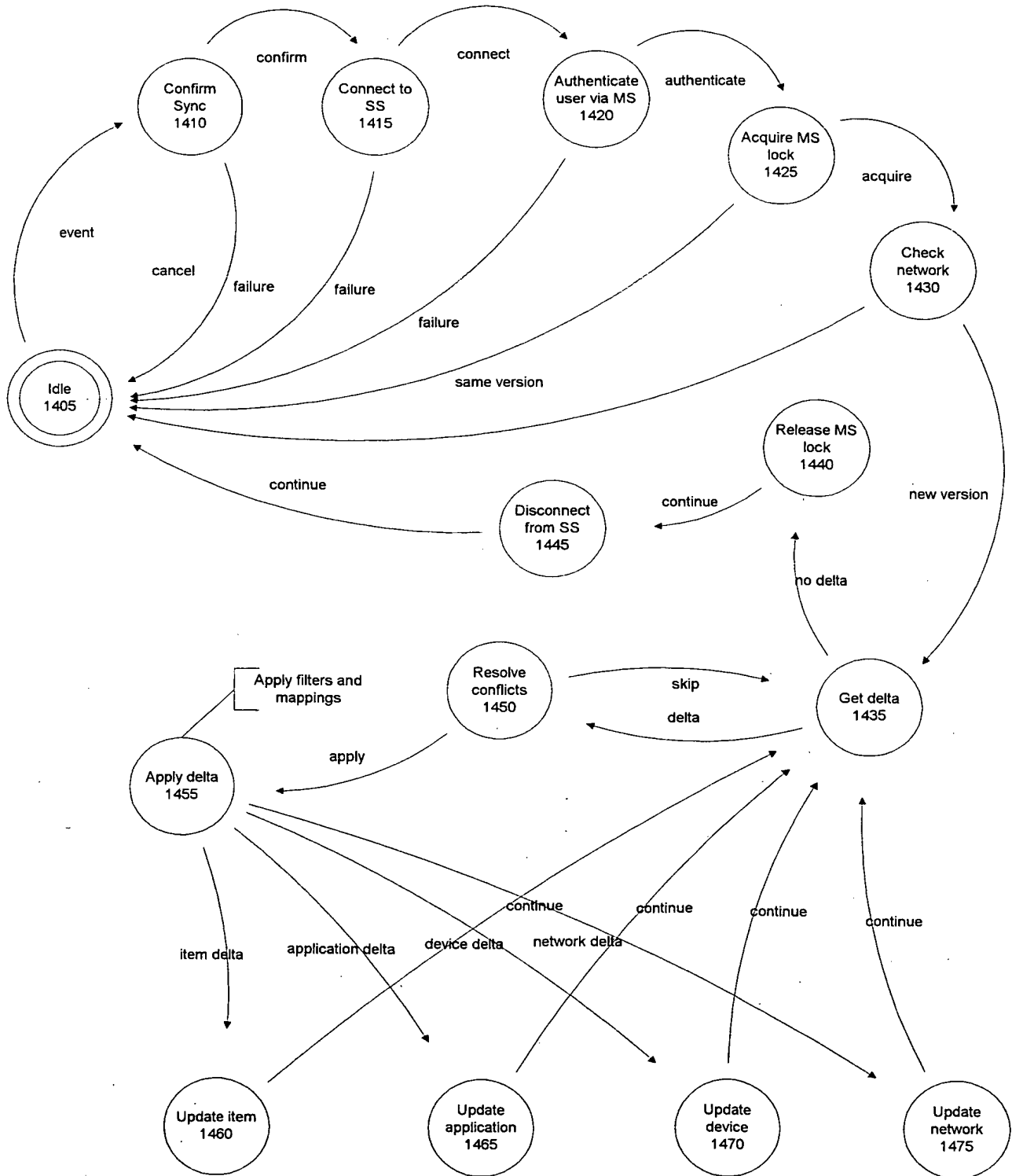


Figure 15  
Pull Synchronization



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Figure 16  
Push Synchronization

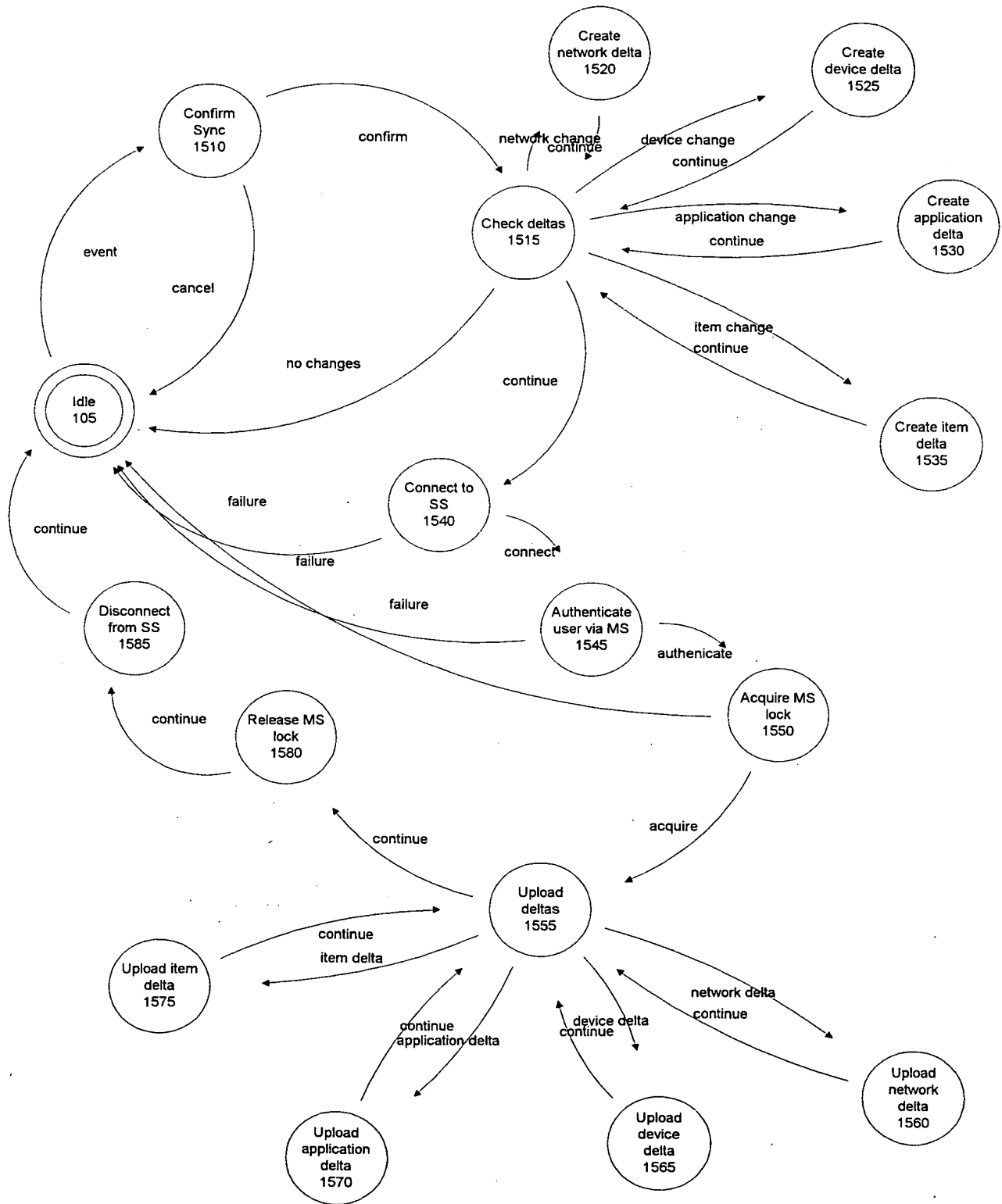


FIG. 16 "Push Synchronization"

Figure  
17

